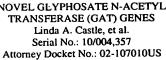
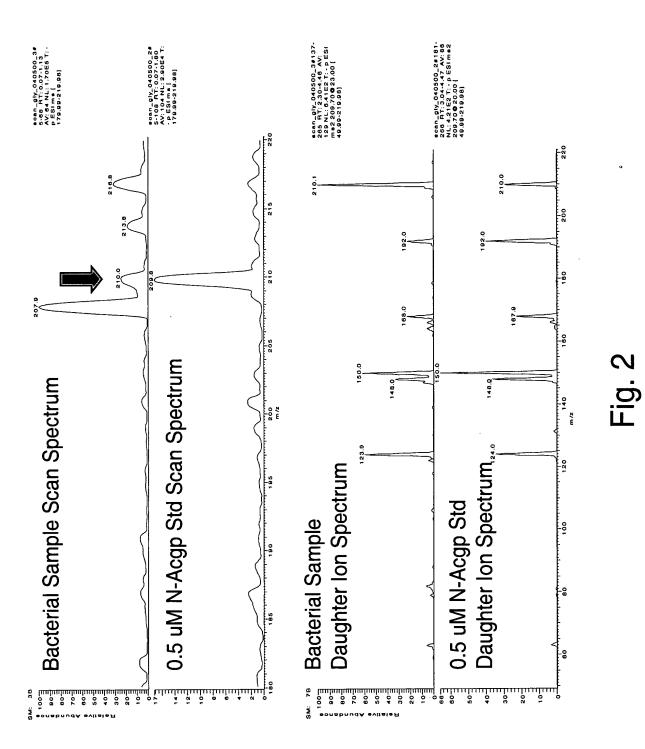


Fig. 1



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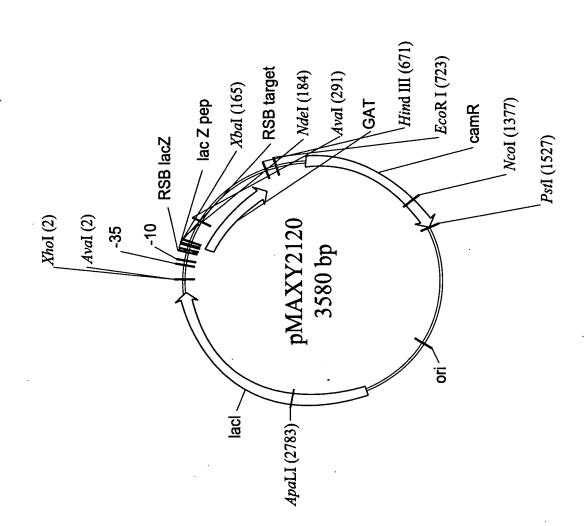


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NOVEL GLYPHOSATE N-ACETYL TRANSFERASE (GAT) GENES Linda A. Castle, et al. Serial No.: 10/004/357 Attorney Docket No.: 02-107010US

| Naci | eotide | identity | Nucleotide identity between sequence pairs | nbes u | ence pai | S |
|-------|--------|----------|--|--------|-------------|------|
| | B6 | DS3 | ST401 | NHA-2 | NH5-2 | yitl |
| B6 | * * | 95.0 | 93.2 | 94.8 | 92.8 | 62.0 |
| DS3 | | * * | 95.5 | 8.66 | 95.0 | 61.8 |
| ST401 | | | * * | 95.2 | 99.5 | 62.4 |
| NHA-2 | | | | * * | 94.8 | 61.5 |
| NH5-2 | | | | | * * * | 62.9 |
| yitl | | | | | | * |





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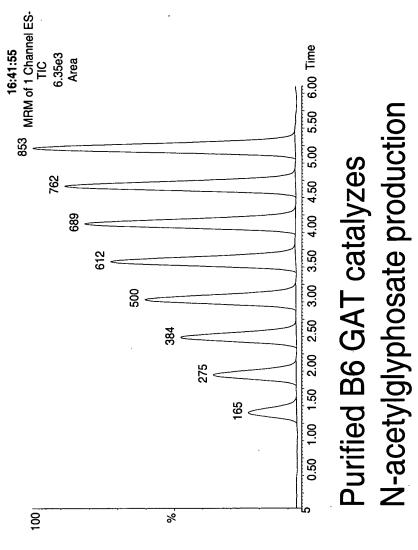
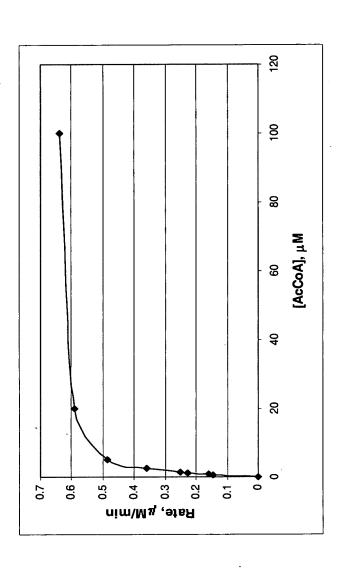


Fig. 5

The same than the first than

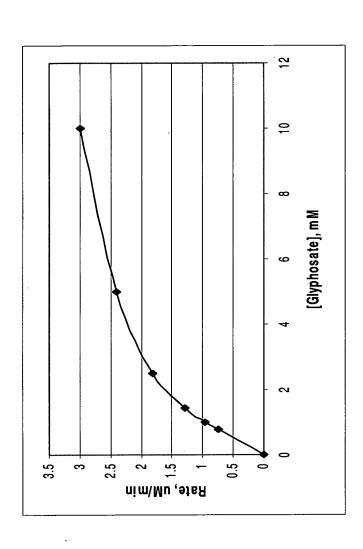


B6 GAT K_M for Acetyl CoA = 2 μ M

Fig. 6

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B6 GAT K_M for glyphosate = 2.9 mM

Fig. 7

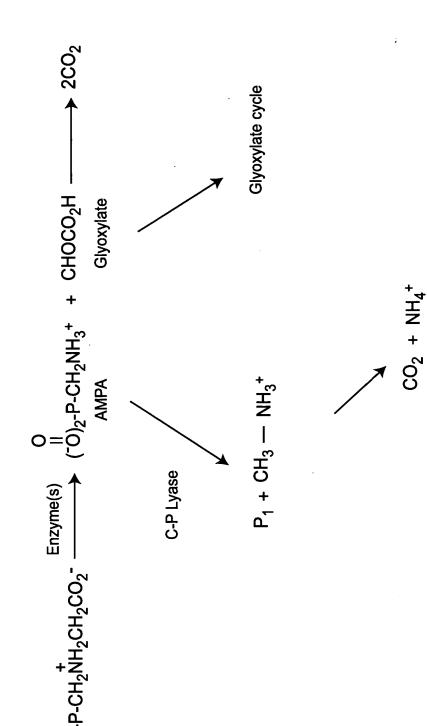
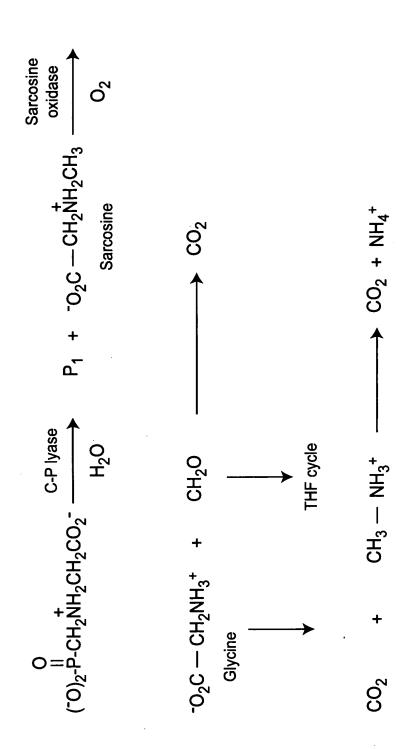


Fig. 8



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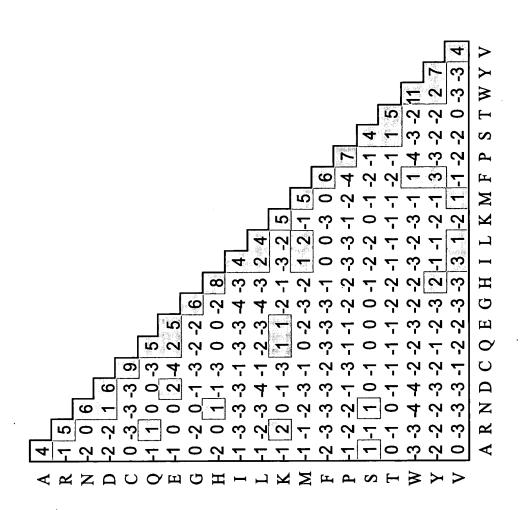


Fig. 10



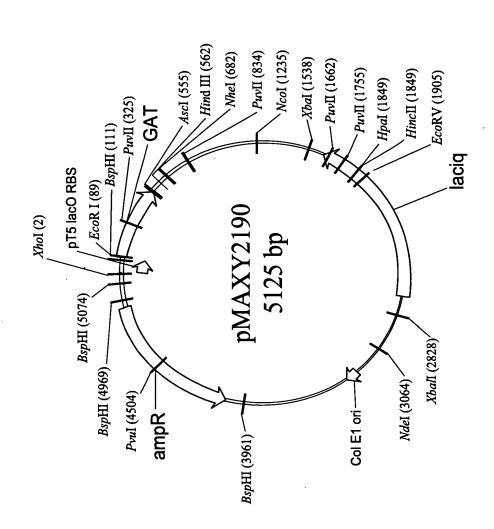


Fig. 11

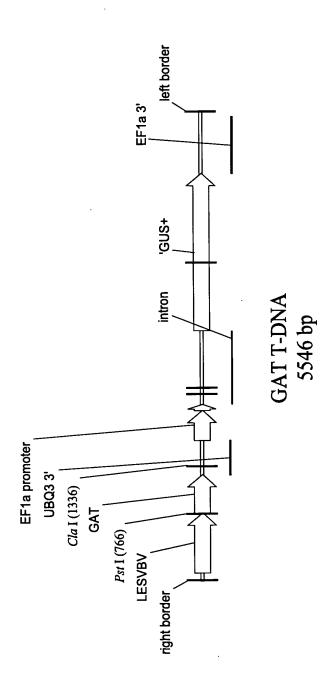


Fig. 12

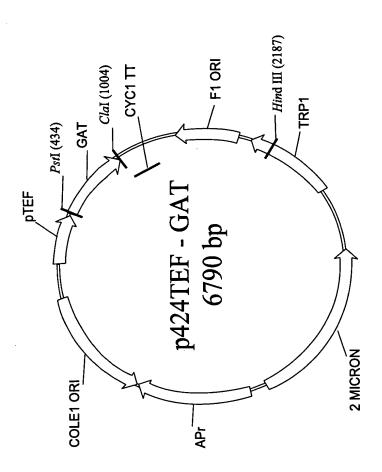


Fig. 13